

REMARKS

Claims 1-19 are pending in the present application. Claims 1-15 were allowed in the Office Action dated June 29, 2004. Claims 16-19 were rejected in the Office Action. Reconsideration of the rejected claims is respectfully requested in light of the arguments presented below.

Claims 16-18 were rejected as “anticipated by Pasotti et al. [U.S. Patent #6,660,585]” in the Office Action. However, U.S. Patent #6,660,585 is by Lee and the rejection of claims 16-18 does not appear to be consistent with the Lee patent. Clarification of this rejection was sought in a phone call to the Examiner on September 13, 2004. The Examiner indicated that the rejection should be ignored in the present response because the cited reference did not support the rejection. Because no reference has been shown to anticipate claims 16-18 it is submitted that these claims are allowable.

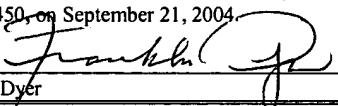
Claim 19 was rejected under 35 USC 102(e) as being anticipated by Lee (U.S. Patent 6,660,585). Claim 19 includes the limitation: “reducing the production of hot electrons in response to the charging of the charge storage unit such that hot electrons cease to be produced as the charge level approaches the target level.” This limitation does not appear to be shown by Lee. In particular, the cited portion of Lee (column 2, lines 1-25) appears to discuss the structure of a cell and the effects of a lightly doped drain. Lee appears to teach a cell design that reduces hot electron production at the drain to reduce disturb conditions. “The lightly doped drain (LDD) greatly reduces the electric field at the drain, reducing the hot electron generation and as a result reducing bit line disturbs during programming,” Column 2, lines 13-16. However, this portion of Lee does not appear to teach reduction in hot electron production in response to the charging of the charge storage unit of claim 19. Instead, this appears to teach a reduction in hot electron production by design. This appears to be a reduction compared to prior cells. Such a reduction appears to be caused by the design and does not appear to be responsive to the charging of the charge storage unit. Therefore, it is submitted that claim 19 is not anticipated by Lee and it is requested that the rejection be withdrawn.

Accordingly, it is believed that all pending claims are in condition for allowance and an indication of their allowance is respectfully requested. If the Examiner is aware of

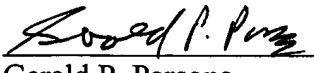
any outstanding issues that should be discussed, a phone call to the undersigned attorney at (415) 318-1160 would be appreciated.

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Franklin Dyer

Respectfully submitted,


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9/21/04
Date